

Title (en)

COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND TERMINAL DEVICE

Title (de)

KOMMUNIKATIONSSTEUERUNGSVORRICHTUNG, KOMMUNIKATIONSSTEUERUNGSVERFAHREN UND ENDGERÄT

Title (fr)

DISPOSITIF DE COMMANDE DE COMMUNICATION, PROCÉDÉ DE COMMANDE DE COMMUNICATION, ET DISPOSITIF TERMINAL

Publication

EP 2928099 A4 20160713 (EN)

Application

EP 13859160 A 20130926

Priority

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- JP 2013076095 W 20130926

Abstract (en)

[origin: EP2928099A1] There is provided a communication control device including a control unit configured to regard each of a plurality of communication regions corresponding to individual beams formed by a directional antenna capable of forming the beams in 3-dimensional directions as a virtual cell and perform communication control when the plurality of beams are formed in the different 3-dimensional directions by the directional antenna.

IPC 8 full level

H04J 99/00 (2009.01); **H04B 7/04** (2006.01); **H04J 11/00** (2006.01); **H04L 5/00** (2006.01); **H04W 16/32** (2009.01); **H04W 36/04** (2009.01); **H04W 72/04** (2009.01)

CPC (source: EP US)

H04B 7/0413 (2013.01 - EP US); **H04B 7/043** (2013.01 - US); **H04B 7/0452** (2013.01 - EP US); **H04B 7/0617** (2013.01 - EP US); **H04W 16/28** (2013.01 - EP US); **H04W 52/04** (2013.01 - US); **H04W 52/42** (2013.01 - EP US); **H04W 72/046** (2013.01 - EP US); **H04L 5/0023** (2013.01 - EP US); **H04W 16/32** (2013.01 - EP US); **H04W 36/0083** (2013.01 - EP); **H04W 36/04** (2013.01 - EP US); **H04W 72/23** (2023.01 - EP US); **H04W 88/12** (2013.01 - US)

Citation (search report)

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- [Y] US 2005113117 A1 20050526 - BOLIN JOHAN [SE], et al
- [A] US 2012076039 A1 20120329 - KWON YEONG HYEON [KR], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2928099 A1 20151007; **EP 2928099 A4 20160713**; **EP 2928099 B1 20200226**; AU 2013350500 A1 20150514; AU 2013350500 B2 20170223; BR 112015011801 A2 20170711; CA 2891540 A1 20140605; CA 2891540 C 20200915; CN 104798333 A 20150722; CN 104798333 B 20181211; EP 3687089 A1 20200729; JP 6194895 B2 20170913; JP WO2014083927 A1 20170105; MX 2015006322 A 20150907; MX 349233 B 20170719; RU 2015119236 A 20161210; US 2015263797 A1 20150917; US 9614596 B2 20170404; WO 2014083927 A1 20140605; ZA 201503073 B 20160127

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